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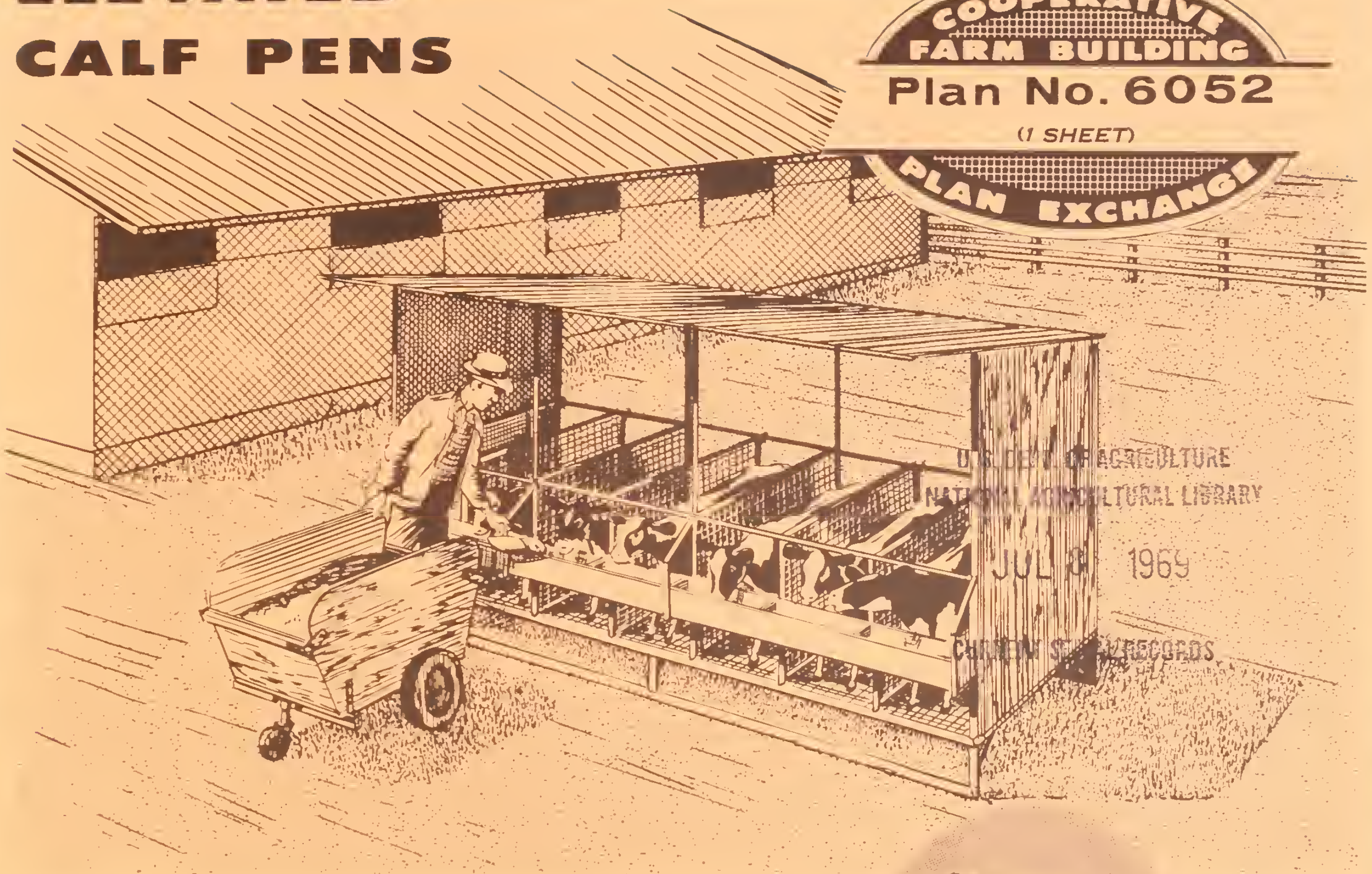
ELEVATED CALF PENS

COOPERATIVE FARM BUILDING
Plan No. 6052
(1 SHEET)
PLAN EXCHANGE



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CURRENT SERIAL RECORDS

Elevated calf pens equipped with metal mesh floors and positioned on concrete slabs, are sanitary and easy to clean. This calf pen design was developed in California and is primarily intended for use in mild climates.

The unit contains seven individual pens, each 24 inches wide, 60 inches long, and 32 inches high. The 2½-inch corrugated sheet metal roof, applied in 8-foot lengths, protects the calves from sun and rain. Plywood panels on the ends will provide additional protection, and in colder weather the back of the structure can be covered with plastic sheeting or canvas to protect the animals from drafts.

Construction is all steel, except for the wooden feed trough and the optional plywood end panels. After the structure is welded, burrs and sharp corners should be ground off. The floor is preferably of heavy, square mesh, welded wire fabric (¼-inch-diameter wires spaced 1¼ inches center to center, both ways) and is supported every 3½ feet by the sled-type frame. Heavy expanded steel sheet (⅛ inch thick with 9⁄16- by 1⅝-inch diamond-shaped holes), flattened after expansion, may be used for the floor, but supports should be provided under each pen divider. For convenience, the removable gate panel at the rear of the pens may be built in sections, and the skids (or runners) could be sloped at both ends of the sled frame to permit towing the unit from either end.

CAUTION: Do not use paint containing lead on this structure.

In more severe climates, this pen unit could be modified for permanent installation within a livestock barn.

A large-scale working drawing may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Federal Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6052, ELEVATED CALF PENS

Washington, D.C.

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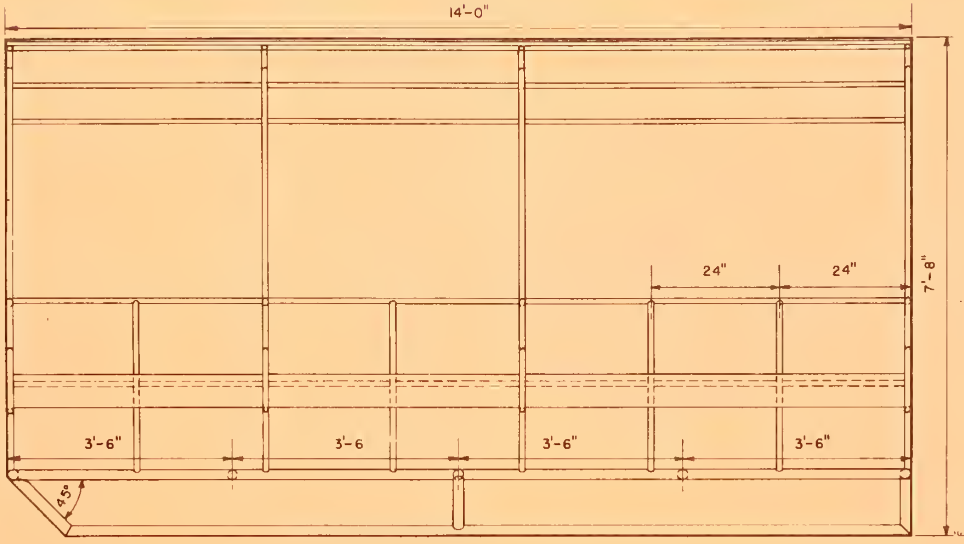
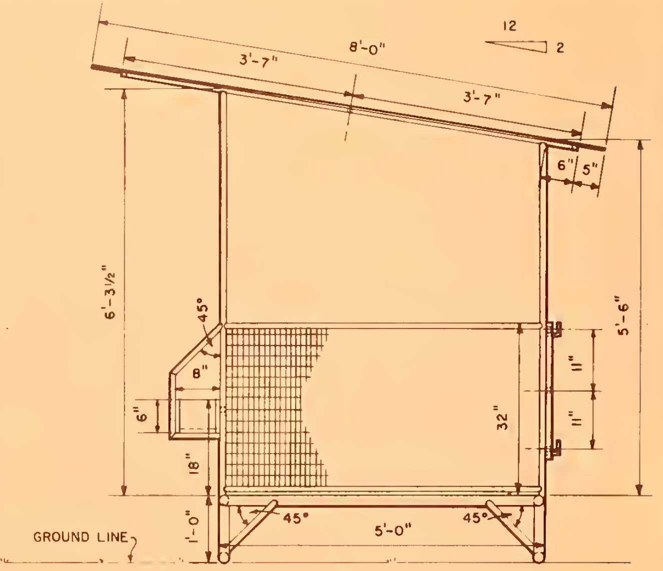
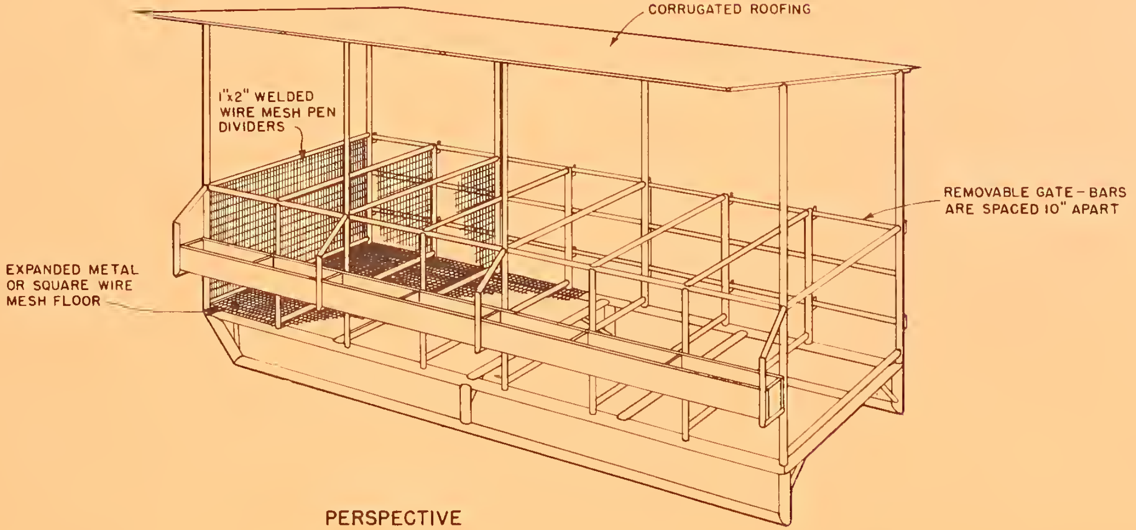
Agricultural Engineering Research Division AGRICULTURAL RESEARCH SERVICE



FRONT VIEW



END VIEW


CORRUGATED ROOFING
1"x2" WELDED WIRE MESH PEN DIVIDERS
REMOVABLE GATE-BARS ARE SPACED 10" APART
EXPANDED METAL OR SQUARE WIRE MESH FLOOR

PERSPECTIVE

NOTES:

USE 1½-INCH PIPE FOR THE SLED FRAME (1.9 INCH O.D.).

USE ¾-INCH PIPE FOR THE PEN FRAMEWORK (1.0 INCH O.D.).

EXTERIOR PLYWOOD MAY BE FASTENED TO EACH END TO PROTECT CALVES FROM WIND.

CALIFORNIA OSA NO 203

ELEVATED CALF PENS		
CALIF '68	EX 6052	SHEET 1 OF 1

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